BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Providing Water Supply in Ward No. 08.

Name of Agency: Shalini Sampangi D/o Sampangi, Shree Vidya Public School, Govindapura, near Water tank, Govindapura, Bangalore - 45.

Estimated Cost: 10,00,000.00

Tender Amount : Rs. 9,24,315.92 Lakhs

Work Order No. BBMP/EE/BTP/WO/64/20-21 Dated: 30.07.2020.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Labour Charges of lifting of non functioning submersible Pump set along with cable and GI Pipes	No	2,450.00	113.00	276850.00	2450.00	105.54	258573.00	24.00	24.00	105.54	2532.96	0.00	0.00	0.00	2532.96	256040.04		
2	Transportation of pumping machineries,	No	24.00	600.00	14400.00	24.00	560.40	13449.60	24.00	24.00	560.40	13449.60	0.00	0.00	0.00	13449.60	0.00		
3	A) Rewinding of Submersible Pump Sets : 10 HP	No.	4.00	5,048.00	20192.00	4.00	4,714.83	18859.32	4.00	4.00	4714.83	18859.32	0.00	0.00	0.00	18859.32	0.00		
4	7.5 HP	No.	4.00	4,085.00	16340.00	4.00	3,815.39	15261.56	4.00	4.00	3815.39	15261.56	0.00	0.00	0.00	15261.56	0.00		
5	12.5 HP	No.	5.00	6,367.00	31835.00	5.00	5,946.78	29733.90	5.00	5.00	5946.78	29733.90	0.00	0.00	0.00	29733.90	0.00		
6	15.0 HP	No.	5.00	7,248.00	36240.00	5.00	6,769.63	33848.15	5.00	5.00	6769.63	33848.15	0.00	0.00	0.00	33848.15	0.00		
7	B) Replacement of Motor Parts: Pump Bowls	No.	60.00	338.00	20280.00	60.00	315.69	18941.40	60.00	60.00	315.69	18941.40	0.00	0.00	0.00	18941.40	0.00		
8	Intermediate Piece(I.P) With IP Leaded Bronxe bush	No.	10.00	781.00	7810.00	10.00	729.45	7294.50	10.00	10.00	729.45	7294.50	0.00	0.00	0.00	7294.50	0.00		
9	Upper Flange	No.	10.00	361.00	3610.00	10.00	337.17	3371.70	10.00	10.00	337.17	3371.70	0.00	0.00	0.00	3371.70	0.00		
10	Lower Housing	No.	10.00	589.00	5890.00	10.00	550.13	5501.30	10.00	10.00	550.13	5501.30	0.00	0.00	0.00	5501.30	0.00		
11	Guide vane	No.	75.00	212.00	15900.00	75.00	198.01	14850.75	75.00	75.00	198.01	14850.75	0.00	0.00	0.00	14850.75	0.00		
12	Impeller Shell (moulded with aluminium and Bronze)	No.	20.00	288.00	5760.00	20.00	268.99	5379.80	20.00	20.00	268.99	5379.80	0.00	0.00	0.00	5379.80	0.00		
13	Discharge outlet (D.0) Bearing D.0 Steel Bush	No	20.00	571.00	11420.00	20.00	533.31	10666.20	20.00	20.00	533.31	10666.20	0.00	0.00	0.00	10666.20	0.00		
14	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	No.	20.00	721.00	14420.00	20.00	673.41	13468.20	20.00	20.00	673.41	13468.20	0.00	0.00	0.00	13468.20	0.00		
15	Pump Couping (Stainless Steel)	No	20.00	373.00	7460.00	20.00	348.38	6967.60	20.00	20.00	348.38	6967.60	0.00	0.00	0.00	6967.60	0.00		
16	Stud and Nuts	Each	45.00	96.00	4320.00	45.00	89.66	4034.70	45.00	45.00	89.66	4034.70	0.00	0.00	0.00	4034.70	0.00		
17	Motor Base With Pin	Each	20.00	445.00	8900.00	20.00	415.03	8300.60	20.00	20.00	415.03	8300.60	0.00	0.00	0.00	8300.60	0.00		
18	Starter with up to 4 to 5 HP (with one year Guarantee)	No.	10.00	6,485.00	64850.00	10.00	6,056.90	60569.00	10.00	10.00	6056.90	60569.00	0.00	0.00	0.00	60569.00	0.00		
19	Rotor with 4 to 5 H P (with one year Guarantee)	No.	10.00	4,804.00	48040.00	10.00	4,466.94	44669.40	10.00	10.00	4466.94	44669.40	0.00	0.00	0.00	44669.40	0.00		
20	Carbon Housing	No	20.00	445.00	8900.00	20.00	415.63	8312.60	20.00	20.00	415.63	8312.60	0.00	0.00	0.00	8312.60	0.00		
21	Thrust bearing block assembly complete with Segment bearing pad.	No	20.00	601.00	12020.00	20.00	561.33	11226.60	20.00	20.00	561.33	11226.60	0.00	0.00	0.00	11226.60	0.00		
22	Oil Seal	No	20.00	132.00	2640.00	20.00	123.29	2465.80	20.00	20.00	123.29	2465.80	0.00	0.00	0.00	2465.80	0.00		
23	Oil Seal Steel Bush	No	20.00	145.00	2900.00	20.00	135.43	2708.60	20.00	20.00	135.43	2708.60	0.00	0.00	0.00	2708.60	0.00		
24	D.O Bearing	No	30.00	571.00	17130.00	30.00	533.31	15999.30	30.00	30.00	533.31	15999.30	0.00	0.00	0.00	15999.30	0.00		
25	Steel Bush	No	80.00	192.00	15360.00	80.00	179.33	14346.40	80.00	80.00	179.33	14346.40	0.00	0.00	0.00	14346.40	0.00		
26	Allen Screw	No	35.00	84.00	2940.00	35.00	78.40	2744.00	35.00	35.00	78.40	2744.00	0.00	0.00	0.00	2744.00	0.00		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
27	Pump Key (Stainless Steel)	No	15.00	132.00	1980.00	15.00	123.20	1848.00	15.00	15.00	123.20	1848.00	0.00	0.00	0.00	1848.00	0.00		
28	Non - return valve (NRV) assembly complete with rubber '0' Ring ,	No.	15.00	625.00	9375.00	15.00	583.76	8756.40	15.00	15.00	583.76	8756.40	0.00	0.00	0.00	8756.40	0.00		
29	Cable Guard	No.	20.00	181.00	3620.00	20.00	169.05	3381.00	20.00	20.00	169.05	3381.00	0.00	0.00	0.00	3381.00	0.00		
30	Strainer	No	20.00	212.00	4240.00	20.00	196.01	3920.20	20.00	20.00	196.01	3920.20	0.00	0.00	0.00	3920.20	0.00		
31	Brass Filter	No.	20.00	132.00	2640.00	20.00	123.29	2465.80	20.00	20.00	123.29	2465.80	0.00	0.00	0.00	2465.80	0.00		
32	Labour Chargesw (Over Hauling Only)	No .	20.00	600.00	12000.00	20.00	560.40	11208.00	20.00	20.00	560.40	11208.00	0.00	0.00	0.00	11208.00	0.00		
33	Re-erection charges of pumping machineries including overhauling and pointing	Each	20.00	1,202.00	24040.00	20.00	1,122.67	22453.40	20.00	20.00	1122.67	22453.40	0.00	0.00	0.00	22453.40	0.00		
34	Lock Ring	Each	15.00	96.00	1440.00	15.00	89.66	1344.90	15.00	15.00	89.66	1344.90	0.00	0.00	0.00	1344.90	0.00		
35	a) Carbon Housing	Each	15.00	445.00	6675.00	15.00	415.63	6234.45	15.00	15.00	415.63	6234.45	0.00	0.00	0.00	6234.45	0.00		
36	Top Carbon/Ferrodo padding	Each	15.00	1,922.00	28830.00	15.00	1,795.15	26927.25	15.00	15.00	1795.15	26927.25	0.00	0.00	0.00	26927.25	0.00		
37	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush	Each	20.00	445.00	8900.00	20.00	415.63	8312.60	20.00	20.00	415.63	8312.60	0.00	0.00	0.00	8312.60	0.00		
38	Circillps	Each	20.00	55.00	1100.00	20.00	51.37	1027.40	20.00	20.00	51.37	1027.40	0.00	0.00	0.00	1027.40	0.00		
39	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to	Mtr	200.00	205.00	41000.00	200.00	191.47	38294.00	300.00	250.00	191.47	47867.50	50.00	191.47	9573.50	57441.00		19147.00	
40	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking	No's	20.00	1,355.00	27100.00	20.00	1265.57	25311.40	20.00	20.00	1265.57	25311.40	0.00	0.00	0.00	25311.40	0.00		
41	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No.	30.00	227.00	6810.00	30.00	212.02	6360.60	30.00	30.00	212.02	6360.60	0.00	0.00	0.00	6360.60	0.00		
42	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark 50mm Gate wheel Valve.	No's	15.00	1,482.21	22233.15	15.00	1384.38	20765.70	15.00	15.00	1384.38	20765.70	0.00	0.00	0.00	20765.70	0.00		
43	Earthwork excavation for foundation of buildings, water supply, sanitary lines and 41'ectrical conduits either in pits or in trenches 1.5 M AND above in Width, in Ordinary Soil not exceeding 1.5m in Depth.	Cum	50.63	354.97	17972.13	50.63	331.54	16785.87	113.06	63.28	331.54	20979.85	49.78	331.54	16504.06	37483.91		20698.04	
44	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches laying true to line, level and		150.00	504.56	75684.00	150.00	471.26	70689.00	335.00	187.50	471.26	88361.25	147.50	471.26	69510.85	157872.10		87183.10	
45	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m	Mtr	50.63	143.65	7273.00	50.63	134.17	6793.03	113.06	63.28	134.17	8490.28	49.78	134.17	6678.98	15169.26		8376.23	

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
46	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete	Cum	5.00	2,064.54	10322.70	5.00	1928.28	9641.40	6.00	6.00	1928.28	11569.68	0.00	0.00	0.00	11569.68		1928.28	
																163645.14		137332.66	
	Sub Total				989641.98														
	1% Third Party Inspection Charges				9896.42														
	Miscelaneous and unforgen charges	LS			462.00														
	Total				1000000.00			924064.38								163645.14	256040.04	137332.66	

14.86 %

Assistant Engineer
Ward No. 08

Percentage Excess $\frac{137332.66}{924064.38} \times 100$ = 14.86%

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

"WORK SLIP APPROVED"

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Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92